

Table 1: Wetland planting - species and numbers							Table 3: Hedgerow planting - species and numbers							
Wetland Planting [12	2889m²]								Hedgerow [1	80 m]				
			Cell 1 [m <sup>2</sup> ]	Cell 2 [m <sup>2</sup> ]	Cell 3 [m <sup>2</sup> ]	Cell 4 [m <sup>2</sup> ]	F.M. Area [m <sup>2</sup> ]	Total plant	Common	Name	Botanical name	% cover	Plant number	r Size
Common name	Botanical name	% cover	487	5399	4418	2585	930	number	Hawthorn	Cra	ataegus monogyna	60	43	2 Height 60-80c
			Plant number	Indiliper	Blackthorn	Pru	inus spinosa	25	18 <sup>.</sup>	0 Winter planting				
Emergent wetland p	lant species						l		Field Maple	Ac	er campestre	5	3	6 bare root stoc
Lesser pond sedge	Carex acutiformis	25	731	8099	6627	3878	1395	20730	Dogwood	Co	rnus sanguinea	5	3	6 April-Septemb
Reed Sweet Grass	Glyceria maxima	30	877	9718	7952	4653	1674	24874	Dogrose	Ro	sa canina	5	3	6 planting: root
Lesser reedmace	Typha angustifolia	20	584	6479	5302	3102	1116	16583		Total plant	number	100	72	0 trainer stock
Greater reedmace	Typha latifolia	15	438	4859	3976	2327	837	12437						·
Marginal wetland pl	ant species					•				Tabl	e 4: Shrubs planting -	species ar	nd numbers	
Yellow flag	lris pseudac orus	2	58	648	530	310	112	1658	Comr	mon Name	Botanical name	Pla	nt number	Size
Water mint	Mentha aquatica	1	29	324	265	155	56	829	Hawthorn		Crataegus monogyna		5 H	leight 60-80cm;
Purple loosestrife	Lythrum salicaria	1	29	324	265	155	56	829	Blackthor	n	Prunus spinosa		5 V	Vinter planting:
Brooklime	Veronica beccabunga	1	29	324	265	155	56	829	Field Mag	ole	Acer campestre		5 k	oare root stock;
Gipsywort	Lycopus europaeus	1	29	324	265	155	56	829	Dogwood		Cornus sanguinea		5 A	pril-September
Marsh cinquefoil	Potentilla palustris	1	29	324	265	155	56	829	Dogrose		Rosa canina		5	planting: root
Marsh marigold	Caltha palustris	1	29	324	265	155	56	829		Total p	lant number		25	trainer stock
Meadowsweet	Filipendula ulmaria	1	29	324	265	155	56	829		<u> </u>		I	I	
Water forget-me-not	Myosotis scorpioides	1	29	324	265	155	56	829		Table 5: Grass - species mix and cover				
Total plant number / cell			2920	32395	26507	15510	5582	82914		Surrounding grass areas planting [11558 m²]		1 <sup>2</sup> ] % co	ver	
										Crested Do			-	15%
	Table 2: Tree planting - species and numbers									eping Red Fescue			30%	

Table 2: Tree planting - species and numbers					
Common Name	Botanical name	Tree number	Size [trunk girth]		
Birch	Betula pendula	8	8-10cm		
Rowan	Sorbus acquparia	8	8-10cm		
Field Maple	Acer campestre	8	8-10cm		
Total t	ree number	24			

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Table 5: Grass - species mix and cover				
ounding grass areas planting [11558 m²]	% cover			
ted Dogs Tail	15%			
g Creeping Red Fescue	30%			
der Creeping Red Fescue	15%			
ps Fescue	10%			
oth Stalked Meadow Grass	20%			
e Clover	10%			

	% cover
Grasses	•
Crested Dogs Tail	15%
Strong Creeping Red Fescue	20%
Slender Creeping Red Fescue	15%
Sheeps Fescue	10%
Smooth Stalked Meadow Grass	10%
White Clover	10%
Wildflowers	•
Yarrow	0.90%
Greater Knapweed	1.60%
Common Mouse-ear (annual species and may not	0.50%
persist in a mature grassland sward)	0.50%
Rough Hawkbit	0.80%
Oxeye Daisy	1.60%
Birds Foot T refoil	1.40%
Cowslip	0.80%
Yellow Rattle	2.20%
Salad Burnet	1.80%
Black Knapweed	1.70%
Wild Carrot	0.90%
Kidney Vetch (prefers chalk soils)	1.30%
Horseshoe Vetch (prefers chalk soils)	0.80%
Field Scabious	1.70%
Vipers Bugloss	1.20%
Devils Bit Scabious (prefers damp acidic soils)	0.80%

Standard' with particular reference to: BS 3998: Recommendations for tree work BS 8545 Trees: from Nursery to independent in landscape

BS 4428: Code of practice for general landscape operations BS 7370: Grounds maintenance

storage area should be specific for that purpose. All plants will be of UK provenance.

# PLANTING

**GROUND PREPARATION** 

- compliance with the approved planting plan are created. • Ground preparation shall insure sufficient topsoil is in place.
- works being undertaken. Following planting ensure watering and weed control is maintained

# WETLAND PLANTING

- Wetland plants will be planted in a density of 6 plants/m<sup>2</sup>.
- Plant species will be planted in similar species groups/clusters.
- Planting will be carried out manually. • Suitable source of water for preparing cells for planting will be confirmed in advance.
- Soils to be saturated prior to planting with no greater than 100mm of water.
- Following planting water depths to be maintained at 50-100mm.
- Subject to time of year, water level management shall be reviewed weekly/monthly. • For species list and number please refer to Table 1.

# TREES AND HEDGES / SHRUBS

- apart with plants spaced at staggered 450mm spacing.
  - specification and suppliers' instructions.
- Tree locations as indicated on drawing and carried out to BS standards as listed above.
- Tree guards using biodegradable material to be included for protection.

# GRASS AND WILDFLOWER

- there is sufficient warmth and moisture.
- or by treading, to give good soil/seed contact. • For species list please refer to Table 5 and Table 6.

# MAINTENANCE REQUIREMENTS

### WETLAND AREAS

- Water level management within the wetland cells for plant establishment.
- ICW system (operational 150-200mm). away from pipes.
- Monitoring and access points to be kept clear of vegetation.
- Overtime (15-20 yrs.) desludging and replanting.
- Ensure unwanted or invasive plant species do not establish in cells.

# TREES

- Pruning shall be carried out as necessary to establish a well-balanced head relative to the natural form and shape of the species and purpose.
- vehicular routes.
- as practical.
- Maintain a weed free area at the base of all trees.

# HEDGEROW / SHRUB

- Planting to be maintained to encourage vigorous growth according to species habit
- by adverse weather or interference.
- This can be alternated from year to year.

GRASS AND WILDFLOWER AREAS

- as habitat piles. Remove litter, rubbish and other debris from areas prior to cutting.
- damage to stems/trunks.

# REPLACEMENT OF DAMAGED / DEAD PLANTS

variation'.

NOTES LANDSCAPING MANAGEMENT PLAN PLEASE REFER TO LANDSCAPE MANAGEMENT PLAN FOR FURTHER INFORMATION. A commissioning period is required to cover the initial plant establishment period this is the THERE MIGHT BE SOME VARIATIONS OF THE WETLAND PLANTS NUMBER AND liability of the contractor after which any maintenance procedure liability will be that of the client. SIZES SUBJECT TO AVAILABILITY. DRAWING TO BE READ IN CONJUNCTION WITH ASSOCIATED DESIGN DOCUMENTS. All planting and maintenance shall be carried out as per 'Good Horticultural practice' and 'British LEGEND OWNERSHIP BOUNDARY PLANNING APPLICATION BOUNDARY ELEVATION CONTOURS (0.5m INTERVALS) ->----- EXISTING FENCE EXISTING TREE / HEDGE The time that trees and plants are held in temporary storage should be kept to a minimum. The RISING MAIN (TBC BY GTB) PIPEWORK ------ STOCKPROOF FENCE • MH PROPOSED MANHOLE NATIVE TREES NATIVE HEDGE / SHRUB • Planting areas should be identified and marked out so that clearly designated areas in WETLAND PLANTING GRASSED EMBANKMENTS • Planting works shall be carried out during appropriate ground and weather conditions for EMBANKMENTS PLANTED WITH THE MIX OF 80% GRASSES AND 20% WILDFLOWERS FLOOD MITIGATION WETLAND PLANTING PROPOSED MAINTENANCE ACCESS ROAD (MINIMUM 3.5m WIDTH) PROPOSED VEHICULAR ACCESS Hedges / shrubs to be planted along fencing (see drawing for location) in 2 rows 450mm • Mulch the whole surface of planting beds with bark mulch in accordance with the • For species list and number please refer to Table 2, 3 and Table 4. 1.750• Seed is best sown in the autumn or spring but can be sown at other times of the year if • The seed must be surface sown and can be applied by machine or broadcast by hand. To CURRENT VERSION INFORMATION get an even distribution and avoid running out divide the seed into two or more parts and sow in overlapping sections. Do not incorporate or cover the seed, but firm in with a roller, Initial Status or WIP XXXXXX. Water levels shall be kept optimal to allow for species establishment and efficiency of the • Pulling back of vegetation from inlet and outlet pipe areas and dispose on embankments • As required remove unwanted species, e.g. willow, under best practice. 06/02/24 | JF | AC | AC | AC | C02 | A5 | SUITABLE FOR CONSTRUCTION 29/01/24 JF AC AC AC C01 A5 SUITABLE FOR CONSTRUCTION • Remove any dead, dying and damaged branches or growth obstructing pedestrian or 24/11/23 JF AC AC AC P02 S3 REVIEW AND COMMENT 19/10/23 | JF | AC | AC | AC | P01 | S3 | REVIEW AND COMMENT • Tree support systems, ties and protective guards shall be checked regularly during establishment and adjusted where necessary. Any broken or missing items shall be DATE ORIG CHKD REVD APPR REV STS REASON FOR ISSUE replaced, and ties adjusted to allow growth and prevent rubbing of bark. Remove as soon Southern House Southern Yeoman Road • Watering of trees shall be carried out (if necessary) weekly, immediately following planting. Worthing West Sussex 苯 Water Watering frequency shall be assessed subject to season and requirements. BN13 3NX telephone (01903) 264444 fax (01903) 691435 120 • Species planting blocks to be maintained to encourage substantial coverage and interlocking with adjacent species to avoid bare patches and discourage weed growth. JOINT VENTURE • Maintenance requirements including pruning shall be required to be tailored to the Galliford Try Infrastructure Limited and Binnies UK Limited individual species. Remove any dead, dying and damaged growth or growth obstructing **ENVIRONMENTAL** Joint Venture, vehicular routes outside of bird breeding season (March to August inclusive). Integrating our water back into nature Lewes Road, Falmer, • Check condition of guards and shelters and replace broken or missing items until such a Brighton, East Sussex, BN1 9PY time as they become redundant. Adjust if necessary to allow for growth and prevent damage to bark. Remove as soon as practical. Re-firm any plants that have been disturbed PROJECT TITLE STAPLEFIELD WTW • Maintain a weed free area at the base of all trees and hedges, with approved mulch. • Hedge trimming/cutting is recommended once annually, on only one side of the hedge. DRAWING TITLE LANDSCAPE PLAN • Mow long grass areas on an annual basis in September-October and to a minimum height of 10cm Removal of all arising which would be stacked in scrub areas with no ground flora • Exercise extreme care when working in close proximity to existing/new trees and prevent SITE UNIT MASTER SITE UNIT size A1

Routine inspection and management, as part of the operation and management of the site shall identify where 'any planting removed, dying or becoming seriously damaged or diseased within 5 years of planting shall be replaced within the first planting season thereafter with planting of similar size and species unless the local planning authority gives written consent for any

S.W. DRAWING NO. REVISION 752214-UAX-ZZ-ZZ-DR-EN-00007 C02

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STATUS

A5

MNEMONIC STPFIELD

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